

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	489	(artifact or noise) same ("DC" near2 (coefficient or component)) same ("AC" near2 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 15:54
S2	58	S1 same (low adj pass)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 21:45
S3	89	S1 same (imag\$6 or picture or photo\$7)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 21:47
S4	69	S3 and @ad<"20011023"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:11
S5	117	(pennebaker).in.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:31
S6	0	S4 and S5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:29
S7	0	S1 and S5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:29
S8	2	S5 and ("AC" near5 predict\$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:30
S9	44	(pennebaker and mitchell).in.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 22:31

S10	4	"5229864".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 11:48
S11	3	"0938738"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 11:49
S12	2	"5001559".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:05
S13	2	"6317522".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:05
S14	2	("AC" adj predict\$6) same (low near pass near filter\$5)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:45
S15	1077	(low adj pass) same ("AC" near2 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:50
S16	1037	(low adj pass near filter\$6) same ("AC" near2 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:51
S17	7	(low adj pass near filter\$6) same ("AC" near2 (coefficient or component)) same (classif\$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:51
S18	45	(low adj pass near filter\$6) same ("AC" near2 (coefficient or component)) same (pixel or imag\$5)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 12:51
S19	25	(deblock\$4 or dering\$5 or (de adj (block\$4 or ring\$5))) same (low adj pass)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 15:19

S20	283	(threshold\$6) same (activity) near3 (block)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 15:40
S21	35	S20 same (coefficient)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 15:41
S22	25	((low adj pass) or (deblock\$6 or dering\$5) or (de adj (block\$5 or ring\$4))) same (activity near3 block)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 16:03
S23	0	"62401355".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 16:54
S24	2	"6240135".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 16:58
S25	2	"6229929".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 16:59
S26	3	"6188799".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:01
S27	2	"6151420".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:02
S28	2	"6115503".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:03
S29	2	"6028967".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:03

S30	2	"5937101".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:05
S31	2	"5454051".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:05
S32	2	(sum near6 coefficient) same (activity near5 block) same threshold\$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 17:59
S33	3661	(382/232 or 382/254 or 382/260 or 382/264 or 382/275).ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 15:54
S34	11	S33 and (artifact or noise) same ("DC" near2 (coefficient or component)) same ("AC" near2 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 15:54
S35	1	S33 and ((deblock\$6 or dering\$5) or (de adj (block\$5 or ring\$4)) or (low adj pass)) same (predict\$6 with "AC" near3 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 15:58
S36	7	S33 and ((deblock\$6 or dering\$5) or (de adj (block\$5 or ring\$4)) or (low adj pass)) same ( "AC" near3 (coefficient or component))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/10 15:58
S37	57	((reduc\$5 or remov\$5 or decreas\$6) near3 (artifact or noise)) and (predict\$6 near5 "AC")	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/30 14:37
S38	5	(predict\$6 near5 "AC") with (activity near4 block)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/03/30 14:37

## PALM INTRANET

Day : Wednesday

Date: 3/30/2005

Time: 15:46:40

## Inventor Name Search Result

Your Search was:

Last Name = KIM

First Name = CHANGICK

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10037767</u>	Not Issued	071	10/23/2001	REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW-BIT-RATE CODING	KIM, CHANGICK
<u>10176994</u>	Not Issued	030	06/21/2002	HYBRID TECHNIQUE FOR REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW-BIT-RATE CODING	KIM, CHANGICK
<u>10244071</u>	Not Issued	030	09/13/2002	ADAPTIVE POST-FILTERING FOR REDUCING NOISE IN HIGHLY COMPRESSED IMAGE/VIDEO CODING	KIM, CHANGICK
<u>10247942</u>	Not Issued	030	09/20/2002	METHOD AND APPARATUS FOR VIDEO DEBLOCKING	KIM, CHANGICK
<u>10263423</u>	Not Issued	030	10/01/2002	METHOD AND APPARATUS FOR CONTENT-BASED IMAGE COPY DETECTION	KIM, CHANGICK
<u>10355469</u>	Not Issued	030	01/31/2003	METHOD AND APPARATUS FOR DCT DOMAIN FILTERING FOR BLOCK BASED ENCODING	KIM, CHANGICK
<u>10360977</u>	Not Issued	030	02/07/2003	POWER SCALABLE DIGITAL VIDEO DECODING	KIM, CHANGICK
<u>10412128</u>	Not Issued	030	04/11/2003	METHOD AND APPARATUS FOR LOW DEPTH OF FIELD IMAGE SEGMENTATION	KIM, CHANGICK
<u>10696472</u>	Not Issued	030	10/29/2003	ADAPTIVE IMAGE UPSCALING METHOD AND APPARATUS	KIM, CHANGICK
<u>10778464</u>	Not Issued	030	02/13/2004	METHOD AND APPARATUS FOR VIDEO COPY DETECTION	KIM, CHANGICK
<u>10932193</u>	Not Issued	020	09/01/2004	3-DIMENSIONAL DOT CODE FOR PAPER STORAGE	KIM, CHANGICK
<u>11040569</u>	Not Issued	020	01/21/2005	EFFICIENT AND ROBUST ALGORITHM FOR VIDEO SEQUENCE MATCHING	KIM, CHANGICK
<u>11041141</u>	Not Issued	020	01/21/2005	PREDICTION INTRA-MODE SELECTION IN AN ENCODER	KIM, CHANGICK
<u>60323986</u>	Not Issued	159	09/20/2001	ADAPTIVE POSTFILTERING FOR REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW BIT-RATE VIDEO CODING	KIM, CHANGICK
<u>60364769</u>	Not Issued	159	03/14/2002	CONTENT-BASED IMAGE COPY DETECTION	KIM, CHANGICK
<u>60370643</u>	Not Issued	159	04/05/2002	ADAPTIVE POST-FILTERING FOR REDUCING BLOCKING AND RINGING ARTIFACTS IN LOW BIT-RATE VIDEO	KIM, CHANGICK

				CODING	
<u>60372208</u>	Not Issued	159	04/12/2002	ORDINAL MEASURE OF DCT COEFFICIENTS FOR IMAGE COPY DETECTION	KIM, CHANGICK
<u>60384584</u>	Not Issued	159	05/31/2002	CONTENT-BASED IMAGE COPY DETECTION	KIM, CHANGICK
<u>60419303</u>	Not Issued	159	10/17/2002	SEGMENTATION OF IMAGES WITH LOW DEPTH-OF-FIELD USING HIGHER ORDER STATISTICS TEST AND MORPHOLOGICAL FILTERING BY RECONSTRUCTION	KIM, CHANGICK
<u>60451384</u>	Not Issued	159	02/28/2003	AUTOMATIC SEGMENTATION OF LOW DEPTH-OF-FIELD IMAGE USING MORPHOLOGICAL FILTERS AND REGION MERGING	KIM, CHANGICK
<u>60480758</u>	Not Issued	159	06/23/2003	VIDEO COPY DETECTION USING ORDINAL MEASURE OF TEMPORAL VARIATIONS	KIM, CHANGICK
<u>60539931</u>	Not Issued	159	01/29/2004	3-DIMENSIONAL DOT CODE FOR PAPER STORAGE	KIM, CHANGICK

Inventor Search Completed: No Records to Display.

	<b>Last Name</b>	<b>First Name</b>	
<b>Search Another: Inventor</b>	<input type="text" value="KIM"/>	<input type="text" value="CHANGICK"/>	<input type="button" value="Search"/>

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**1. An improved method to estimate intrinsic small signal parameters of a GaAs MESFET from measured dc characteristics**

Ahmed, M.M.;  
Electron Devices, IEEE Transactions on  
Volume 50, Issue 11, Nov. 2003 Page(s):2196 - 2201  
IEEE JNL

**2. Block effect reduction with content-based AC prediction in an MPEG-2 compressed video**

Taehwan Shin; Kyungho Cho; Byung-Ha Ahn;  
Consumer Electronics, IEEE Transactions on  
Volume 45, Issue 3, Aug. 1999 Page(s):625 - 631  
IEEE JNL

**3. Enhancements to the JPEG implementation of block smoothing method**

Lakhani, G.;  
Data Compression Conference, 1997. DCC '97. Proceedings  
25-27 March 1997 Page(s):448  
IEEE CNF

**4. Maximum video compression using AC-coefficient prediction**

Muzaffar, T.; Tae Sun Choi;  
TENCON 99. Proceedings of the IEEE Region 10 Conference  
Volume 1, 15-17 Sept. 1999 Page(s):581 - 584 vol.1  
IEEE CNF

**5. Estimation of intrinsic small signal parameters of a GaAs MESFET from DC measurements**

Ahmed, M.M.; Ahmed, N.; Chaudhary, K.S.; Iqbal, M.F.;  
Multi Topic Conference, 2001. IEEE INMIC 2001. Technology for the 21st Century. Proceedings. IEEE International  
28-30 Dec. 2001 Page(s):97 - 103  
IEEE CNF

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1. **Spatiotemporal sequence matching for efficient video copy detection**  
 Changick Kim; Vasudev, B.;  
 Circuits and Systems for Video Technology, IEEE Transactions on  
 Volume 15, Issue 1, Jan. 2005 Page(s):127 - 132  
 IEEE JNL
2. **Object-based video abstraction for video surveillance systems**  
 Changick Kim; Jenq-Neng Hwang;  
 Circuits and Systems for Video Technology, IEEE Transactions on  
 Volume 12, Issue 12, Dec. 2002 Page(s):1128 - 1138  
 IEEE JNL
3. **Fast and automatic video object segmentation and tracking for content-based applications**  
 Changick Kim; Jenq-Neng Hwang;  
 Circuits and Systems for Video Technology, IEEE Transactions on  
 Volume 12, Issue 2, Feb. 2002 Page(s):122 - 129  
 IEEE JNL
4. **A fast and robust moving object segmentation in video sequences**  
 Changick Kim; Jenq-Neng Hwang;  
 Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on  
 Volume 2, 24-28 Oct. 1999 Page(s):131 - 134 vol.2  
 IEEE CNF
5. **Reliable and fast fingerprint identification for security applications**  
 Huvanandana, S.; Changick Kim; Jenq-Neng Hwang;  
 Image Processing, 2000. Proceedings. 2000 International Conference on  
 Volume 2, 10-13 Sept. 2000 Page(s):503 - 506 vol.2  
 IEEE CNF
6. **Object-based video abstraction using cluster analysis**  
 Changick Kim; Jenq-Neng Hwang;  
 Image Processing, 2001. Proceedings. 2001 International Conference on  
 Volume 2, 7-10 Oct. 2001 Page(s):657 - 660 vol.2  
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